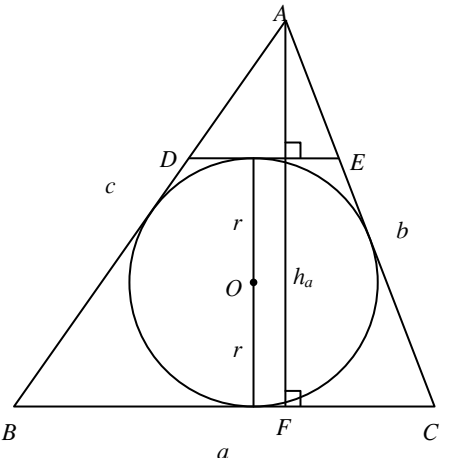
100.15 Proof Without Words

The length of each side of a triangle is greater than twice the length of the radius of the inscribed circle in the triangle ($a, b, c > 2r$).



$$\left.\begin{array}{l} 2r < h_a < b, c \\ 2r < h_b < a, c \end{array}\right\} \Rightarrow a, b, c > 2r.$$

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